

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	4	copying near2 input near variables	US-PGPUB; USPAT	OR	ON	2006/05/12 05:57
L6	78	copying near2 input near3 process\$3	US-PGPUB; USPAT	OR	ON	2006/05/12 05:58
L7	2	6 and identical near input	US-PGPUB; USPAT	OR	ON	2006/05/12 06:04
L8	3082782	process\$3 near "3" process\$3	US-PGPUB; USPAT	OR	ON	2006/05/12 06:00
L9	645441	process\$3 near3 process\$3	US-PGPUB; USPAT	OR	ON	2006/05/12 06:01
L10	36	copy near identical near input	US-PGPUB; USPAT	OR	ON	2006/05/12 06:03
L11	0	copy near 9 and 10identical near input	US-PGPUB; USPAT	OR	ON	2006/05/12 06:02
L12	2395	copy near input	US-PGPUB; USPAT	OR	ON	2006/05/12 06:04
L13	1148	9 and 12	US-PGPUB; USPAT	OR	ON	2006/05/12 06:04
L14	23	13 and identical near input	US-PGPUB; USPAT	OR	ON	2006/05/12 06:47
L15	28	("20030163766"   "3681578"   "4583224"   "4616312"   "4622667"   "4726026"   "4868826"   "4967347"   "5084878"   "5271023"   "5339404"   "5349654"   "5423024"   "5452441"   "5530946"   "5533188"   "5537583"   "5550736"   "5613064"   "5630046"   "5630053"   "5862315"   "5903717"   "5907671"   "6141769"   "6141770"   "6240526"   "6247143").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/12 06:13
L23	16	(US-20030051203-\$).did. or (US-6631476-\$ or US-6549034-\$ or US-7027880-\$ or US-5136704-\$ or US-4631722-\$ or US-6550018-\$ or US-6928583-\$ or US-6820213-\$ or US-4520482-\$ or US-7003691-\$ or US-5434997-\$ or US-6233702-\$ or US-5157780-\$ or US-4849979-\$ or US-4967347-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/12 06:53

## EAST Search History

L24	9	23 and period	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/12 06:54
S1	10	((("6631476") or ("20030051053") or ("20030051203") or ("20030145120") or ("20030208283"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 16:03
S2	5	((("6631476") or ("20030051053") or ("20030051203") or ("20030145120") or ("20030208283"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/10 16:03
S3	6	((("6631476") or ("20030051053") or ("20030051203") or ("20030145120") or ("20030208283") or ("4430669"))). PN.	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:46
S4	3	((("6549034") or ("6701198") or ("6891850"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/10 19:44
S5	6	((("6631476") or ("20030051053") or ("20030051203") or ("20030145120") or ("20030208283") or ("4430699"))). PN.	US-PGPUB; USPAT	OR	OFF	2006/05/11 09:51
S6	2	((("6915444") or ("6909923"))).PN.	USPAT	OR	OFF	2006/05/11 09:56
S7	8	("5245616"   "5642354"   "5910778"   "5920581"   "6044480"   "6229437"   "6601210"   "6721900").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 10:07
S8	4	("20020083364"   "20020152419"   "5392424"   "5910778").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 10:21
S9	3	("6549034").URPN.	USPAT	OR	ON	2006/05/11 10:23
S10	1	("4672537").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:50
S11	1967	industrial near controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 10:50

## EAST Search History

S12	922	safety near controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 11:09
S13	16	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 10:51
S14	13	("20030051053"   "20030051203"   "20030145120"   "20030208283"   "20040103296"   "20040153171"   "20050066320"   "20050103767"   "5713643"   "6161051"   "6305009"   "6631476"   "6901298").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 10:57
S15	100052	compar\$3 near (input or output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 11:10
S16	36	S12 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 12:45
S17	11934	identical near (input or output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 11:11
S18	9	S12 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 11:17
S19	1013	714/11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 11:17

## EAST Search History

S20	4	S19 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 12:15
S21	29	("5136704").URPN.	USPAT	OR	ON	2006/05/11 11:39
S22	8	S19 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 12:15
S23	5	("5099449"   "6154683"   "6549034"   "6555935"   "6759767").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 12:23
S24	2	redundant near industrial near controller	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 12:25
S25	2	redundant near safety near controller	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 12:25
S26	487	714/12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 12:45
S27	2	S26 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 12:47
S28	19	S26 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 12:47
S29	8	("4750177"   "4849979"   "5157780"   "5428768"   "5434997"   "6065135"   "6249856"   "6279119").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 12:53
S30	0	("7003691").URPN.	USPAT	OR	ON	2006/05/11 12:58

## EAST Search History

S31	171	"safety controller".ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:35
S32	14	S31 and synchroniz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:26
S33	14	S31 and redundant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:27
S34	17	S31 and processor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:27
S35	4	safety near controller and internal near variables	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:36
S36	6	((("4672537") or ("6173414") or ("6928583"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/11 19:15
S37	15	(US-20030051203-\$).did. or (US-6549034-\$ or US-6631476-\$ or US-7027880-\$ or US-5136704-\$ or US-6928583-\$ or US-6820213-\$ or US-4520482-\$ or US-4631722-\$ or US-6233702-\$ or US-6550018-\$ or US-7003691-\$ or US-5434997-\$ or US-5157780-\$ or US-4849979-\$). did.	US-PGPUB; USPAT	OR	ON	2006/05/11 19:37
S38	94	S19 and safety	US-PGPUB; USPAT	OR	ON	2006/05/11 19:37
S39	8	S37 and safety	US-PGPUB; USPAT	OR	ON	2006/05/11 19:50

## EAST Search History

S40	15	S37 and state	US-PGPUB; USPAT	OR	ON	2006/05/11 19:38
S41	0	S37 and saftey near state	US-PGPUB; USPAT	OR	ON	2006/05/11 19:38
S42	6	S37 and synchroniz\$4	US-PGPUB; USPAT	OR	ON	2006/05/11 19:51
S43	8	S37 and safety	US-PGPUB; USPAT	OR	ON	2006/05/11 19:51
S44	3	S42 and safety	US-PGPUB; USPAT	OR	ON	2006/05/11 20:29
S45	5	S37 and copy	US-PGPUB; USPAT	OR	ON	2006/05/12 05:57
S46	0	S37 and plane	US-PGPUB; USPAT	OR	ON	2006/05/11 20:49
S47	3	S37 and backplane	US-PGPUB; USPAT	OR	ON	2006/05/11 21:01
S48	4	S37 and repeat	US-PGPUB; USPAT	OR	ON	2006/05/11 21:01
S49	3	S48 and execut\$3	US-PGPUB; USPAT	OR	ON	2006/05/11 21:04
S50	5342	comparison near3 (conclusion or end)	US-PGPUB; USPAT	OR	ON	2006/05/11 21:05
S51	1590	repeated near execution	US-PGPUB; USPAT	OR	ON	2006/05/11 21:05